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The first two groups are the $U(1)$ and $U(2)$ groups, which are the most common groups in the literature. The third group is the $U(3)$ group, which is the most common group in the literature. The fourth group is the $U(4)$ group, which is the most common group in the literature. The fifth group is the $U(5)$ group, which is the most common group in the literature. The sixth group is the $U(6)$ group, which is the most common group in the literature. The seventh group is the $U(7)$ group, which is the most common group in the literature. The eighth group is the $U(8)$ group, which is the most common group in the literature. The ninth group is the $U(9)$ group, which is the most common group in the literature. The tenth group is the $U(10)$ group, which is the most common group in the literature.